



14661 Rotunda Drive
P.O. Box 1699
Dearborn, MI 48120-1699

October 16, 2008

Chief, Air Enforcement and Compliance Assurance Branch
Air and Radiation Division (AE-17J)
USEPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attention: Enforcement Tracker



Subject: United States of America and Michigan Department of Environmental Quality v.
Severstal North America, Inc. – Civil Action Nos. 00-75452 and 00-75454,
USAO File No. 1999 00492, DOJ Case No. 90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Severstal's quarterly report for July – September 2008.

The demonstration report for the "B" Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix E. On September 24, 2007, a Stipulation was filed with the Court amending Appendix E which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On January 5, 2008, an eruption in the "B" Blast Furnace resulted in a breech in the furnace shell. The furnace has not been in operation since January 5, and therefore, Severstal has not been able to utilize the O&M practices in Appendix E nor have we been able to perform the visible emission monitoring required by Section 19(a). A Force Majeure notification was sent to EPA on January 11, 2008.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. After completion of a dispute resolution process regarding O&M practices and emission control technologies to be used at the BOF, a Stipulation regarding BOF O&M practices was filed with the Court on October 25, 2006, and the list of O&M practices to be used at the BOF was filed with the Court and incorporated into the Consent Order on October 30, 2006 as Appendix G. On October 15, 2007, Severstal began operating a baghouse dust collector to control secondary emissions at the BOF. Accordingly, per the authorization in Section II of Appendix G Severstal has ceased utilization of the O&M practices set forth in Section II of Appendix G. Severstal is continuing to utilize the O&M practices set forth in Section I of Appendix G. Notice of the operation of the baghouse dust collector and the cessation of the Appendix G, Section II O&M practices was given to EPA by letter dated October 26, 2007.



October 16, 2008

Page 2 of 2

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix F. On September 24, 2007, a Stipulation was filed with the Court amending Appendix F which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On October 19, 2007, the capture-type particulate emission control system at the "C" Blast Furnace Casthouse became fully operational. Accordingly, as authorized by Appendix F Severstal has ceased utilization of the "Ongoing Operating and Maintenance Practices (restated)" listed in Appendix F. Notice of the operation of the particulate emission control system and the cessation of O&M practices was given to EPA by letter dated October 26, 2007.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



James E. Earl, Manager
Environmental Engineering

Attachments

cc: Gaylene Vasaturo, Esq.
Ms. Teresa Seidel
Scott R. Dismukes, Esq.

RECEIVED

OCT 27 2008

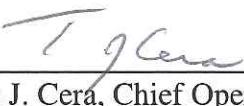
AIR ENFORCEMENT BRANCH
U.S. EPA, REGION 5

SEVERSTAL NORTH AMERICA, INC.
CIVIL ACTION NOS. 00-75452 AND 00-75454

QUARTERLY REPORT FOR JULY 1 - SEPTEMBER 30, 2008

SECTION IV MONITORING	RESULTS
Conduct VE Observations of "C" Blast Furnace Bleeders	See attached VE data sheets
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	No VE data due to January 5, 2008 eruption
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VE data sheets
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VE data sheets
VE Observations of "B" Roof Monitors when burning open taphole	None this quarter
O&M practices and Control Technologies For B BF	See Exhibit A
O&M practices and Control Technologies For BOF	See Exhibit C
MDEQ ROP Report Certification and Deviation Report	See Exhibit D

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person (s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Thomas J. Cera, Chief Operating Officer

10/20/08

Date

EXHIBIT A
SEVERSTAL NORTH AMERICA, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

JULY 1 - SEPTEMBER 30, 2008
O AND M MONITORING
B BLAST FURNACE

REQUIREMENT	RESULTS
<u>GENERAL</u>	
Use of natural gas suppression	Furnace not in operation
Tap hole/trough natural gas suppression flow rate \geq 135 scfm	Furnace not in operation
Record taphole/trough natural gas suppression flow rate once per cast	Furnace not in operation
Iron runners/iron spouts natural gas suppression flow rate \geq 207 scfm	Furnace not in operation
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Furnace not in operation
Gas lance usage requirements	Furnace not in operation
Trough and Iron runner covers in place	Furnace not in operation
<u>TAPHOLE AREA</u>	
Taphole Burned open	Furnace not in operation

EXHIBIT A
SEVERSTAL NORTH AMERICA, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

JULY 1 - SEPTEMBER 30, 2008
O AND M MONITORING
B BLAST FURNACE

REQUIREMENT	RESULTS
Visible emission observations within 5 mintutes of starting burning open of taphole	Furnace not in operation
drill bit <= 2" diameter	Furnace not in operation
Natural gas suppression operating continuously during specified times	Furnace not in operation
TROUGH	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Sealing of covered area	Furnace not in operation
IRON RUNNERS	
Natural gas suppression operating continuously during specified times	Furnace not in operation
IRON SPOUTS	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Heating of iron ladles	Furnace not in operation

EXHIBIT C
SEVERSTAL NORTH AMERICA, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**JULY 1 - SEPTEMBER 30, 2008 O AND M MONITORING
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
GENERAL	
Submit final Emission Control Alternatives to Reduce Emissions from Treadwell Cars Report to MDEQ	Report submitted on January 4, 2007
There shall be no visible emissions escaping into the shop through the expansion joints of the furnace hoods during oxygen blowing	Met every heat
HOT METAL CHARGING	
Hot metal charge into furnace shall not be less than 90 seconds in duration	No longer required
Furnace angle shall not be less than 320 degrees from the vertical at the beginning of the charge. The furnace angle shall not be less than 300 degrees at the end of charge, except when the hot metal charge duration is at least 120 seconds	No longer required
Humidification steam shall be in operation during hot metal charge	No longer required
Fugitive emission duct damper shall be fully opened during hot metal charge	No longer required
The furnace exhaust damper shall be fully opened during hot metal charge	No longer required
Area between the fugitive emission duct hood and furnace exhaust hood shall be totally covered with shrouds	No longer required

EXHIBIT C
SEVERSTAL NORTH AMERICA, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**JULY 1 - SEPTEMBER 30, 2008 O AND M MONITORING
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
OXYGEN BLOWING	
Fugitive emission duct damper shall be closed during oxygen blowing	No longer required
The furnace exhaust damper shall be fully opened during oxygen blowing	No longer required
Oxygen blow rate shall not exceed 24,500 scfm	No longer required
Oxygen blow rate shall be reduced to approximately 18,000 scfm during and between minutes 8 and 14 of the blow	No longer required
TURNDOWN	
If any emissions during initial turndown that are not captured by the furnace hood, upright vessel. If during a second turndown, there are any emissions that are not captured by the hood, there shall be no more turndowns for that heat	No longer required
TAPPING	
The furnace exhaust hood shall be used to capture emissions from all tapping operations until any addition of conditioners to the steel ladle are complete	No longer required

EXHIBIT C
SEVERSTAL NORTH AMERICA, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**JULY 1 - SEPTEMBER 30, 2008 O AND M MONITORING
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
<u>ESP</u>	
Visible emission reading for the ESP stack for two consecutive hours each day one or more complete compartments is out of service	No longer required
<u>VESSEL OPERATIONS</u>	
Shall not hot metal charge and tap and hot metal charge and oxygen blow simultaneously	No longer required

EXHIBIT D

DEQ
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT
REPORT CERTIFICATION**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division upon request.

Source Name Severstal North America, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

Please check the appropriate box(es):

Annual Compliance Certification (Pursuant to Rule 213(4)(c))

Reporting period (provide inclusive dates): From _____ To _____

1. During the entire reporting period, this source was in compliance with **ALL** terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.
2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, **EXCEPT** for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))

Reporting period (provide inclusive dates): From _____ To _____

1. During the entire reporting period, **ALL** monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.
2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, **EXCEPT** for the deviations identified on the enclosed deviation report(s).

Other Report Certification

Reporting period (provide inclusive dates): From 07/1/08 To 09/30/08

Additional monitoring reports or other applicable documents required by the ROP are attached as described:

United States of America and Michigan Department of Environmental Quality v.

Severstal North America, Inc. - Civil Action Nos. 00-75452

and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 - Quarterly Report

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

Thomas J. Cera
Name of Responsible Official (print or type)

Chief Operating Officer

(313) 323-1540

Title

Phone Number


Signature of Responsible Official

10/26/08

Date



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT
DEVIATION REPORT**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating Permit (ROP) for which deviations required to be reported by R 336.1213 (Rule 213) subrule (3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name Severstal North America, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact James E. Earl Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 07/01/08 to 09/30/08

Report Type: Annual Semi Annual Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>III.B.3.1</u>	3. Date(s) of Occurrence <u>Starting 7/1/08</u>	4. Previously reported ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>If Yes, Date 1/11/08</u>	5. Duration of Deviation <u>13 weeks</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation <u>Did not conduct weekly visible emission observations of roof monitor. See our 1/11/08 letter to EPA for details.</u>		

8. Reason for Deviation and Description of Corrective Action Taken

Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to perform the visible observations.

1. Group or Source Wide ID <u>EGCBFBLEEDERS</u>	2. Condition No. <u>III.B.3.2</u>	3. Date(s) of Occurrence <u>7/26/08, 8/17/08 8/24/08, 9/14/08 9/18/08</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <u>If Yes, Date</u>	5. Duration of Deviation <u>50 minutes</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation <u>Did not perform visible emission readings of bleeder stack for unanticipated discharges during daylight hours.</u>		
8. Reason for Deviation and Description of Corrective Action Taken <u>Notification to Method 9 readers could not be made in time to perform the readings.</u>				

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>Starting 7/1/08</u>	4. Previously reported ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>If Yes, Date 1/11/08</u>	5. Duration of Deviation <u>92 days</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation <u>Operation and maintenance practices were not utilized on an ongoing basis. See our January 11, 2008 letter to EPA for details.</u>		
8. Reason for Deviation and Description of Corrective Action Taken <u>Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to utilize the operation and maintenance practices.</u>				

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9/26/08
OBSERVER:	Leela Wilson
START:	am 1:20 pm
FINISH:	am pm
Source:	C-Furnace Blast Bleeding
Observation Point	Row + West of Boat Slip
distance from:	500 ft
direction from:	W of Slender
source height:	150 ft
wind direction	S
wind speed	1 mile
sky condition	Scattered
amb. temp. (F)	
color of emissions	White (smoke)
other:	
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	Turkey Black
4						34	5	0	0	0	W smoke
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20	30	30	25	35		50	0	0	0	0	
21	25	30	25	25		51					
22	25	25	20	20		52					
23	20	15	20	20		53					
24	15	10	10	10		54					
25	10	10	10	10		55					
26	10	10	10	10		56					
27	10	5	5	5		57					
28	5	5	5	0		58					
29	0	5	5	5		59					

Observer's Signature

Leela Wilson

Last Certification Date

April 08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-13-08
OBSERVER:	Ed Tolson
START:	7:46 am
FINISH:	10:00 am
Source:	Blast Furnace
Observation Point	100 feet below stack level
distance from:	600'
direction from:	NE
source height:	115'
wind direction	SOUTH
wind speed	2 MPH
sky condition	OVERCAST
amb. temp. (F)	64 - 76
color of emissions	White unless noted
other:	<u>△ 2 SEPARATE VALUES OF WHITE EMISSIONS</u>
Remarks:	<u>△ 2 SEPARATE VALUES OF BLACK EMISSIONS</u> <u>△ NO MORE EMISSIONS</u>
Observer's Signature	Ed Tolson

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46	0	10	15	15	△
17						47	15	15	15	15	"
18						48	15	15	15	15	"
19						49	15	15	15	15	"
20						50	15	15	10	0	"
21						51	10	15	15	15	△
22						52	15	15	10	0	
23						53	10	10	10	10	△
24						54	10	10	10	10	"
25						55	10	10	10	15	"
26						56	5	5	5	5	"
27						57	5	5	5	5	"
28						58	0	0	0	0	"
29						59	0	0	0	0	△

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-13-08
OBSERVER:	Ed Telynes
START:	11:26 am
FINISH:	16:08 pm
Source:	BLISTERING CARBON FURNACE
Observation Point	INSPECTION BUILDING PARKING LOT
distance from:	600'
direction from:	NB
source height:	175'
wind direction	SOUTH
wind speed	3 mph
sky condition	OVERCAST
amb. temp. (F)	69° - 76°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Ed Telynes

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0	G	31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 04-09-08
04-02-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-11-2008
OBSERVER:	L. Trinh
START:	8:53 am pm
FINISH:	9:15 am pm
Source:	"C" Furnace
Observation Point	"C" Furnace Blockers Construction Park, W. P. Furnace
distance from:	200
direction from:	SE
source height:	150'
wind direction	NE
wind speed	1-5 mph
sky condition	Scattered
amb. temp. (F)	63°F
color of emissions	White
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52				20	
23						53	30	30	30	30	
24						54	20	20	20	15	
25						55	10	10	10	10	
26						56	10	10	10	10	
27						57	10	10	10	10	
28						58	10	10	10	10	
29						59	10	10	10	10	

Last Certification Date

4/2008

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9/11/08
OBSERVER:	L. Trinh
START:	6:52 am pm
FINISH:	9:15 am pm
Source:	"C" Blast Furnace
Observation Point	"C" Furnace / Bleeders / Park
distance from:	600'
direction from:	NE
source height:	150'
wind direction	1 → 5 mph
wind speed	NE
sky condition	Scatter
amb. temp. (F)	63°F
color of emissions	White
other;	
Remarks;	* Close Bleeders, but leak (no steam) or partly open -

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	16	10	10	10		30					
1	10	10	10	10		31					
2	40	30	20	20	See *	32					
3	20	15	15	10		33					
4	10	5	10	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	8	0		45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date

4/2008

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8/15/08
OBSERVER:	L. Trinh
START:	am 2:00 pm
FINISH:	am 2:45 pm
Source:	"C" Furnace
Observation Point	"C" Furnace Bleeders
distance from:	250'
direction from:	W
source height:	150'
wind direction	N
wind speed	1-2 mph
sky condition	Cloudy
amb. temp. (F)	76°F
color of emissions	White
other:	
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	40	
1						31	35	30	20	20	
2						32	20	20	20	30	
3						33	10	10	10	5	
4						34	5	5	5	5	
5						35	10	15	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	0	
10						40	0	0	0	5	
11						41	5	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	5	0	0	0	
16						46	5	5	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20	0	0	0	0		50	5	5	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	5	5	5	0	
24	0	0	0	0		54	0	0	5	5	
25	0	0	0	0		55	0	0	5	0	
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Last Certification Date

10/2008

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

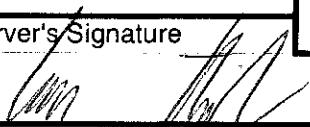
DATE:	8-3-08
OBSERVER:	BO TEHERS
START:	4:00 am 4:00 pm
FINISH:	am 4:40 pm
Source:	C-BLAST FURNACE BLEEDER VALVES
Observation Point	WEST SIDE OF BOAT SLIP
distance from:	500-550'
direction from:	WEST
source height:	175'
wind direction	NW
wind speed	4 mph
sky condition	BROKEN
amb. temp. (F)	83°
color of emissions	LIGHT UNLESS NOTED
other:	
Remarks:	DUAL WHITE SMOKE EMISSIONS DUAL BROWN EMISSIONS SMOKE STREAMS
Observer's Signature	Bo Tehers

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	A	30	0	0	0	0	
1	10	10	10	10		31	0	0	0	0	
2	10	10	10	10		32	0	0	0	0	
3	10	10	10	10		33	0	0	0	0	
4	10	10	10	10		34	0	0	0	0	
5	10	10	10	10		35	0	0	0	0	
6	10	10	10	10		36	0	0	0	0	
7	10	10	10	10		37	0	0	0	0	
8	10	10	10	10		38	0	0	0	0	
9	10	10	10	10		39	0	0	0	0	
10	10	10	10	10		40	0	0	0	0	
11	10	10	10	10		41					
12	10	10	10	10		42					
13	10	10	5	5		43					
14	5	5	5	5	x	44					
15	10	10	10	10	A	45					
16	10	10	10	10	1	46					
17	10	10	10	10	1	47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5	x	52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 07-09-08

*Blower readings
by Lam*

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

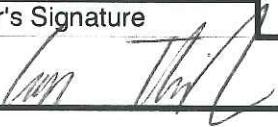
DATE:	7/24/2008				
OBSERVER:	L. Trinh				
START:	9:50 am	pm			
FINISH:	10:20 am	pm			
Source:	'C' FINACE				
Observation Point:	C' Blower North of C-FCE				
distance from:	150 ft				
direction from:	NE				
source height:	150				
wind direction	N				
wind speed	1-5 mph				
sky condition	Scattered				
amb. temp. (F)	75°F				
color of emissions	White				
other:					
Remarks:	From medical center				
Observer's Signature					

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	10	10	15	
27						57	5	5	5	5	
28						58	5	5	5	10	
29						59	5	5	5	10	

Last Certification Date

4/2008

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/24/08
OBSERVER:	L. Trinh
START:	9:50(am) pm
FINISH:	10:20(am) pm
Source:	"C" Furnace Bleeders
Observation Point	"C" Bleeders
distance from:	150 ft'
direction from:	NE
source height:	150'
wind direction	N
wind speed	1-5 mph
sky condition	Scattered
amb. temp. (F)	75°F
color of emissions	White
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	15	15	25	15		30					
1	25	15	20	20		31					
2	20	10	10	10		32					
3	10	10	10	10		33					
4	5	5	5	15		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

4/2008

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	7-9-08
OBSERVER:	J. Earl
START:	am 5:40 (pm)
FINISH:	am 6:26 (pm)
Source:	CBF Bleeders
Observation Point	
West Boat Slip Road at Low	
distance from:	500'
direction from:	W
source height:	250'
wind direction W	
wind speed 10-15	
sky condition Clear	
amb. temp. (F) 81	
color of emissions	
Gray/Brown	
other;	
Remarks;	

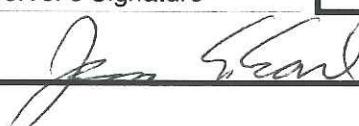
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	40	35	35	30	
11						41	30	35	40	40	
12						42	40	40	40	35	
13						43	45	45	45	45	
14						44	45	45	45	45	
15						45	40	35	35	30	
16						46	35	35	30	30	
17						47	30	30	30	30	
18						48	35	35	30	30	
19						49	30	30	30	25	
20						50	30	25	30	30	
21						51	30	30	25	20	
22						52	20	20	20	20	
23						53	15	15	15	15	
24						54	15	15	15	15	
25						55	15	15	15	15	
26						56	20	20	20	20	
27						57	20	25	25	25	
28						58	25	30	30	30	
29						59	30	30	30	30	

Observer's Signature

Last Certification Date

April 08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	7-9-08
OBSERVER:	J. Earl
START:	am 5:40 pm
FINISH:	am 6:26 pm
Source:	CBF Bleeders
Observation Point	West Boat Ship Road at Row
distance from:	500'
direction from:	W
source height:	250'
wind direction	W
wind speed	10-15
sky condition	Clear
amb. temp. (F)	81
color of emissions	Gray/Brown
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	30	30	30	25		30					
1	25	25	20	25		31					
2	20	20	20	20		32					
3	20	25	25	25		33					
4	30	25	25	25		34					
5	25	25	25	25		35					
6	20	20	25	25		36					
7	25	25	25	25	32	37					
8	20	20	15	15		38					
9	15	10	15	15		39					
10	10	10	15	15		40					
11	10	15	15	15		41					
12	20	20	20	20		42					
13	20	20	20	20		43					
14	25	25	25	25		44					
15	25	25	25	25		45					
16	25	25	25	25		46					
17	20	20	20	20		47					
18	15	15	15	15	Furnace offwind	48					
19	10	10	10	10		49					
20	10	10	10	10		50					
21	5	5	5	5		51					
22	5	0	0	5		52					
23	5	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

Last Certification Date

April 08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-29-08
OBSERVER:	Ed Telner
START:	8:15 am
FINISH:	9:19 am
Source:	BOF Roof Monitors
Observation Point	EMPLOYEE PARKING LOT ON MILLER RD.
distance from:	700'
direction from:	EAST
source height:	280'
wind direction	N
wind speed	Light
sky condition	overcast
amb. temp. (F)	59 - 64°
color of emissions	white unless noted
other:	
Remarks:	Heat #s: 50595 50596 50597

8:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Ed Telner

Last Certification Date 04-07-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-29-08
OBSERVER:	B.D. TELWERS
START:	8:15 am
FINISH:	10:15 am
Source:	RDF ROLL MONITORS
Observation Point	EMPLOYEE PARKING LOT ON MILLER DR
distance from:	200'
direction from:	EAST
source height:	250'
wind direction	N
wind speed	1 mph
sky condition	OVERCAST
amb. temp. (F)	53 + 64°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	WHITE EMISSIONS SOUTH 135 SPL
Observer's Signature	To Telw

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	3	5	A	30	0	0	0	0	
1	5	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-29-08
OBSERVER:	E. TELNERS
START:	8:15 am
FINISH:	10:15 am
Source:	BOP ROLL MONITOR
Observation Point	EMPLOYEE PARKING LOT ON MILLER RD
distance from:	700'
direction from:	ENR
source height:	250'
wind direction	N
wind speed	1 mph
sky condition	overcast
amb. temp. (F)	59 - 64°
color of emissions	white unless noted
other:	
Remarks:	
Observer's Signature	E. Telner

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-27-08
OBSERVER:	ZO TELNERS
START:	10:40 am
FINISH:	pm
Source:	BEST ROAST MONTBES
Observation Point	EMPIRE
PARKING lot, just ZN	
MILLER RD	
distance from:	60 ft
direction from:	EAST
source height:	250 ft
wind direction	NNW
wind speed	3 mph
sky condition	BROKEN
amb. temp. (F)	58°
color of emissions	white unseasoned
other:	
Remarks:	
Observer's Signature	Zo Telner

10:00 AM					REMARKS	REMARKS				
MIN	0	15	30	45		MIN	0	15	30	45
0						30				
1						31				
2						32				
3						33				
4						34				
5						35				
6						36				
7						37				
8						38				
9						39				
10						40	○	○	○	○
11						41	○	○	○	○
12						42	○	○	○	○
13						43	○	○	○	○
14						44	○	○	○	○
15						45	○	○	○	○
16						46	○	○	○	○
17						47	○	○	○	○
18						48	○	○	○	○
19						49	○	○	○	○
20						50	○	○	○	○
21						51	○	○	○	○
22						52	○	○	○	○
23						53	○	○	○	○
24						54	○	○	○	○
25						55	○	○	○	○
26						56	○	○	○	○
27						57	○	○	○	○
28						58	○	○	○	○
29						59	○	○	○	○

Last Certification Date 04-09-08

Heat Nos. 50493
50494

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-22-08
OBSERVER:	ED Telness
START:	10:40 am
FINISH:	am 12:40 pm
Source:	BHP Rose Manganese
Observation Point	EMPLOYEE PARKING LOT ON MILNE RD
distance from:	600 ft
direction from:	WEST
source height:	205 ft
wind direction	NNB
wind speed	3 mph
sky condition	BROKEN
amb. temp. (F)	56 - 58 -
color of emissions	WHITE UNVISIBLIZED
other:	
Remarks:	
Observer's Signature	ED Telness

11:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-22-08
OBSERVER:	BD TELMENO
START:	10:45 am pm
FINISH:	am 12:45pm
Source:	BOP Refining
Observation Point	BAYLOTIES PARKING LOT ON MILLER RD
distance from:	600 ft
direction from:	EAST
source height:	250 ft
wind direction	WNW
wind speed	3 mph
sky condition	BROKEN
amb. temp. (F)	56°-58°
color of emissions	WHITE UNLESS HT; BD
other:	
Remarks:	
Observer's Signature	BD TELMENO

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date 04-15-05

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-16-08
OBSERVER:	ED TELMIS
START:	8:00 am pm
FINISH:	10:10 am pm
Source:	BDF REEF MONITOR
Observation Point	BY GATE #1
distance from:	650-700'
direction from:	EAST
source height:	250'
wind direction	NW
wind speed	4 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	55°-55°
color of emissions	WHITE UNLESS NOTED
other:	A MOVED LOCATION
Remarks:	<p>▲ NEW LOCATION EMPLOYEE PARKING LOT ON MILWAUKEE 600', EAST</p>
Observer's Signature	Ed Telmis

8:06 AM					REMARKS	REMARKS				
MIN	0	15	30	45		MIN	0	15	30	45
0	0	0	0	0		30	0	0	0	0
1	0	0	0	6		31	0	0	0	6
2	0	0	0	0		32	0	0	0	8
3	0	0	0	6		33	-	-	-	▲
4	0	0	0	6		34	-	-	-	▲
5	0	0	0	6		35	-	6	0	0
6	0	0	0	8		36	0	0	0	0
7	0	0	0	6		37	0	0	0	6
8	0	0	0	6		38	0	0	0	0
9	0	0	0	0		39	0	0	0	0
10	0	0	0	0		40	0	0	0	0
11	0	0	0	6		41	0	0	0	0
12	0	0	0	0		42	0	0	0	0
13	0	0	0	0		43	0	0	0	0
14	0	0	0	0		44	0	0	0	0
15	0	0	0	0		45	0	0	0	0
16	0	0	0	0		46	0	0	0	0
17	0	0	0	0		47	0	0	0	0
18	0	0	0	0		48	0	0	0	0
19	0	0	0	0		49	0	0	0	0
20	0	0	0	0		50	0	0	0	0
21	0	0	0	0		51	0	0	0	0
22	0	0	0	0		52	0	0	0	0
23	0	0	0	0		53	0	0	0	0
24	0	0	0	0		54	0	0	0	0
25	0	0	0	0		55	0	0	0	0
26	0	0	0	0		56	0	0	0	0
27	0	0	0	0		57	0	0	0	0
28	0	0	0	0		58	0	0	0	0
29	0	0	0	0		59	0	0	0	0

Last Certification Date 04-09-08

Heat Nos. 11165
11166

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-16-08
OBSERVER:	ED TELNERS
START:	8:00 am pm
FINISH:	10:10 am pm
Source:	BLF ROOF MONITOR
Observation Point	EMPLOYEE PARKING LOT ON MILLER AVE
distance from:	600'
direction from:	EAST
source height:	250'
wind direction	NW
wind speed	6 mph
sky condition	clear
amb. temp. (F)	53-55°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	6		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-16-08
OBSERVER:	BO TELNERS
START:	300 ⁰ am pm
FINISH:	1015 ⁰ am pm
Source:	BOP Roof Monitors
Observation Point	EMPLOYEE PARKING LOT ON MILLER RD
distance from:	600'
direction from:	EAST
source height:	250'
wind direction	NW
wind speed	6 mph
sky condition	CLEAR
amb. temp. (F)	53--55°
color of emissions	WHITE IS ALMOST NADA
other:	
Remarks:	
Observer's Signature	<i>Bo Telnes</i>

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 04-07-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-9-08
OBSERVER:	E.O. Tschers
START:	11:00 am
FINISH:	11:45 pm
Source:	BOF RAYS MONITOR
Observation Point	BY GATE #1
distance from:	600-700'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	4 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	57°-64°
color of emissions	WHITE UNLESS NOTED
other,	
Remarks:	<p>A Brown Emission -B-Brown Vessel</p> <p>B White Emission Both A+B Vessels</p>
Observer's Signature	E.O. Tschers

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	△		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

09-09-08

Heat. Nos. 50315
11080
50316

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-9-08
OBSERVER:	ED TELFERES
START:	11:00 am pm
FINISH:	am 1:00 pm
Source:	BOP Roof Monitors
Observation Point	BY GATE #1
distance from:	650 - 700'
direction from:	SWS
source height:	250'
wind direction	NW
wind speed	4 mph
sky condition	Partly cloudy
amb. temp. (F)	57° - 61°
color of emissions	WHITE VAPORS NOT BO
other:	
Remarks:	<u>1</u> WHITE EMISSIONS AT B VESSEL 3
Observer's Signature	E. Telferes

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	5	10	15	A	56	0	0	0	0	
27	0	0	0	0	A	57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-4-08
OBSERVER:	EP TELWERS
START:	7:00 am pm
FINISH:	11:00 am pm
Source:	BOP ROOF MONITORS
Observation Point	BY GATE #1
distance from:	650'-750'
direction from:	SE
source height:	250'
wind direction	NNB
wind speed	10 mph
sky condition	CLOUDY
amb. temp. (F)	69-70°
color of emissions	TRANSPARENT
other:	SMOKED SAID RUNNING IN THE NEXT HEAT AT 9120°F
Remarks:	A BROKEN EMISSIONS NO, 6TH AND SOUTH VISIBLIS

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0	A	53	0	0	0	0	
24	0	0	0	0	A	54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

EP Telwers

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-4-08
OBSERVER:	EO TELMERS
START:	7:00 am
FINISH:	11:00 am
Source:	BOF ROLL MONITOR
Observation Point	By GATE #1
distance from:	636-760'
direction from:	SE
source height:	250'
wind direction	NNE
wind speed	10 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	64°-72°
color of emissions	BROWN UNLESS NOTED
other:	
Remarks:	
Observer's Signature	EO Telmers

10:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04-07-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-25-08
OBSERVER:	ED TELMER
START:	8:30 am pm
FINISH:	10:30 am pm
Source:	BEST ROOF MELTING
Observation Point	By CRTB #1
distance from:	650 - 700'
direction from:	S/E
source height:	250'
wind direction	North
wind speed	Slow
sky condition	CLEAR
amb. temp. (F)	68 - 71°
color of emissions	White white smoke
other:	
Remarks:	△ STAY HIGH IN 10 - 20 minutes
Observer's Signature	ED TELMER

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	△
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 04-09-08

Hent Nos.: 10863
50103

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-25-08
OBSERVER:	B. TELLMAN
START:	8:30 am
FINISH:	10:30 am
Source:	BOP REAR MONITORS
Observation Point	BY GRIDS #1
distance from:	650-700'
direction from:	S E
source height:	250'
wind direction	NORTH
wind speed	Smooth
sky condition	Breaken
amb. temp. (F)	65°-71°
color of emissions	Light grey unless noted
other:	
Remarks:	<p>△ CALIBR. PATTERN SAID RUNNING LIGHT HEAT IN 20 MINUTES</p> <p>△ A AND B VESSEL WHITE EMISSION</p>
Observer's Signature	<i>B. Tellman</i>

MIN	REMARKS					MIN	REMARKS				
	0	15	30	45			0	15	30	45	
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	6	
2	0	0	0	0		32	0	0	0	0	
3	0	8	0	0		33	0	0	0	0	
4	0	8	0	0		34	0	0	0	6	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	8	0	0		38	0	0	0	0	
9	0	8	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0	△	44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	8	0	0		46	0	0	0	0	
17	0	8	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	8	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	*		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	10	10	10	13	△
29	0	0	0	0		59	10	3	5	3	△

Last Certification Date

04-09-08

△ A VESSEL WHITE EMISSION

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-25-08
OBSERVER:	EO TBLNERS
START:	8:30 am pm
FINISH:	8:30 am pm
Source:	BUP REEF MONITOR
Observation Point	By GATE #1
distance from:	654 - 700'
direction from:	SE
source height:	250'
wind direction	NORTH
wind speed	Smooth
sky condition	Breaken
amb. temp. (F)	(20° - 71°)
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	DA - VESSEL
Observer's Signature	<i>EO TBLNERS</i>

10:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	B		30					
1	0	0	0	G		31					
2	0	0	0	G		32					
3	0	0	0	C		33					
4	0	0	0	A		34					
5	0	0	0	0		35					
6	0	0	3	3	▲	36					
7	3	3	5	5	▲	37					
8	5	3	5	3	II	38					
9	3	5	5	S	II	39					
10	5	3	2	5	II	40					
11	3	3	5	3	II	41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	5	3	0	0	▲	46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	C		58					
29	0	0	0	D		59					

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-18-08
OBSERVER:	EP TELNERS
START:	8:00 am pm
FINISH:	10:15 am pm
Source:	BOF ROOF MONITORS
Observation Point	BY GATE #1
distance from:	650-700'
direction from:	SSE
source height:	250'
wind direction	SW
wind speed	6 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	67°-72°
color of emissions	WHITE UNDISTILLED
other:	
Remarks:	
Observer's Signature	Ep Telners

8:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	6		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	6		39	0	0	0	0	
10	0	0	0	8		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

Heat No.: 50007
10775

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-18-08
OBSERVER:	EP TELNES
START:	8:00 am pm
FINISH:	10:15 am pm
Source:	B2B REEF MNTAS
Observation Point	B34 GATE #1
distance from:	650' - 700'
direction from:	SB
source height:	250'
wind direction	SW
wind speed	6 mph
sky condition	Partly cloudy
amb. temp. (F)	67° - 72°
color of emissions	LIGHTS UNLESS NOTED
other:	
Remarks:	
Observer's Signature	EP Telnes

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 09-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-18-08
OBSERVER:	EO TELMEZ
START:	8:00 am pm
FINISH:	10:15 am pm
Source:	RDF REEF MONITORS
Observation Point	BY GATE #1
distance from:	6515-760'
direction from:	SE
source height:	250'
wind direction	SW
wind speed	6 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	67-72°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	A FINISHED 2ND HEAT AT 10:15AM
Observer's Signature	EO Telmezo

10:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0	▲	45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 09-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-11-08
OBSERVER:	ED TELHORS
START:	8:00 am
FINISH:	10:10 am
Source:	V30F Roof Nozzles
Observation Point	BY GATE #1
distance from:	650 - 700 ft
direction from:	S E
source height:	230'
wind direction	NNW
wind speed	Smooth
sky condition	clear
amb. temp. (F)	66 - 74 ¹²
color of emissions	white unless stated
other:	
Remarks:	Heads #: 10689 10690
Observer's Signature	Ed Telhors

8:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-11-08
OBSERVER:	BO TBLWBRP
START:	8:00 am pm
FINISH:	10:10 am pm
Source:	BOP ROLL MONT(R)
Observation Point	BY GRITS #1
distance from:	650-760 ft
direction from:	SE
source height:	250'
wind direction	NNW
wind speed	Small
sky condition	CLOUDY
amb. temp. (F)	60-74°
color of emissions	White with some yellow
other:	
Remarks:	
Observer's Signature	Bo Tihmers

9:00AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-07-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-11-08
OBSERVER:	B.D. TEFNER
START:	8:10 am pm
FINISH:	10:10 am pm
Source:	BOF ROOF MUNICIPAL
Observation Point	By GATE #1
distance from:	638 - 700'
direction from:	S E
source height:	230'
wind direction	NNW
wind speed	5 mph
sky condition	Partly cloudy
amb. temp. (F)	65°-79°
color of emissions	Light grey
other:	
Remarks:	△ GRAY EMISSIONS NORTH VISIBLE
Observer's Signature	E.A. Tefner

10:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	10	10	10	△	39					
10	5	5	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-5-08
OBSERVER:	E.O. TELNERS
START:	9:56 am pm
FINISH:	11:05 am pm
Source:	BaF Roof Monitors
Observation Point	By Gate #1
distance from:	65-70'
direction from:	S B
source height:	250'
wind direction	NORTH
wind speed	1 mph
sky condition	CLOUDY
amb. temp. (F)	75° - 82°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	A WHITE EMISSIONS A+B EMISSIONS
Observer's Signature	E.O. Telnern

9:56 AM						10:00 AM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	3	3	A
25						55	0	0	3	3	
26						56	0	0	0	0	
27						57	0	0	8	8	
28						58	0	0	8	8	
29						59	0	0	0	0	

Last Certification Date 04-09-08

Heat #: 79845
10599
79846 (partial)

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 8-5-08
OBSERVER: EO Telmers
START: 9:50 am pm
FINISH: 11:50 am pm
Source: B&S REEF MONITOR
Observation Point: 15y GATE #1
distance from: 650 - 700'
direction from: SSW
source height: 250'
wind direction: NORTHERN
wind speed: High
sky condition: CLOUDY / HAZE
amb. temp. (F) 75°-82°
color of emissions: WHITE
other:
Remarks: A WHITES EMISSIONS A VESSEL
Observer's Signature: EO Telmers

10:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	6		31	0	0	0	0	
2	0	0	0	8		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	6	
8	3	3	3	3	▲	38	0	0	0	0	
9	3	3	3	3	■	39	0	0	0	0	
10	3	3	3	3	■	40	0	0	0	0	
11	3	3	3	0	■	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	8		43	0	0	0	8	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-5-08
OBSERVER:	Bob Velvers
START:	7:30 am pm
FINISH:	11:30 am pm
Source:	BOP ROLL MANIFOLD
Observation Point	By Gate #1
distance from:	630-700'
direction from:	SSE
source height:	250'
wind direction	NORTH
wind speed	1 mph
sky condition	CLUDY 10/28
amb. temp. (F)	75°-80°
color of emissions	WHITE ORANGE JUST SO
other:	
Remarks:	A LOT OF EMISSIONS A-VESSEL
Observer's Signature	<i>Bob Velvers</i>

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-29-08
OBSERVER:	ED TELNERS
START:	9:45 am pm
FINISH:	10:00 am pm
Source:	BOP ROOF MONITORS
Observation Point	GATE #1
distance from:	650 - 750'
direction from:	SE
source height:	250'
wind direction	NNB
wind speed	2 mph
sky condition	Hazy
amb. temp. (F)	68° - 70°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	CALLED '9:47 AM JUST GETTING READY TO BLOW A HEAT
Observer's Signature	Ed Telner

9:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	C
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	C
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 04-09-08

Plant No: 10517
 (0518
 79750

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-29-08
OBSERVER:	EO TELMERS
START:	7:13 am pm
FINISH:	11:45 am pm
Source:	Bell Rens & Monitors
Observation Point	GATE #1
distance from:	650-700'
direction from:	SB
source height:	250'
wind direction	NNB
wind speed	2 mph
sky condition	HAZY
amb. temp. (F)	68° ± 80°
color of emissions	WHITE UNDISTILLED
other:	
Remarks:	
Observer's Signature	EO Telmers

10:00AM					REMARKS	10:00AM					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 07-29-08
OBSERVER: E. Tschiers
START: 9:45 am pm
FINISH: 11:45 am pm
Source:
BUTT BOWF MONITORING
Observation Point
GATE #1
distance from: 630' - 100'
direction from: SSW
source height: 230'
wind direction: NNE
wind speed: 2 mph
sky condition: Partly
amb. temp. (F) 68°-70°
color of emissions
WHITE DUSTLESS MOVING
other:
Remarks:
△ WHITE EMISSIONS OFF OF A-VESL
Observer's Signature
E. Tschiers

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	10	△	34	0	0	0	0	
5	10	5	5	10	"	35	8	0	0	6	
6	5	5	5	0	"	36	8	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	8	
10	0	0	0	0		40	0	0	0	6	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-23-08
OBSERVER:	Ed Telmers
START:	8:30 am
FINISH:	10:30 am
Source:	BOP Root Motors
Observation Point	BY GATE #1
distance from:	650-700'
direction from:	SE
source height:	250'
wind direction	N
wind speed	8 mph
sky condition	Break FM
amb. temp. (F)	65° - 77°
color of emissions	White Liques Not Bod
other:	
Remarks:	
Observer's Signature	Ed Telmers

8:00AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 04-09-08

Hunt #

10453
10454

455

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 07-23-08
OBSERVER: Ed TELNERS
START: 8:30 am pm
FINISH: 10:30 am pm
Source: BOP RECS MONTM
Observation Point: By BATB #1
distance from: 60' - 70'
direction from: SE
source height: 250'
wind direction: N
wind speed: 2 mph
sky condition: Partly
amb. temp. (F) 65° - 72°
color of emissions: White unburned
other:
Remarks: NO EMISSIONS OFF THE BOILER
Observer's Signature: Ed Telnes

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	6	4	8		30	0	0	0	0	
1	0	0	6	8		31	8	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	6		33	0	0	0	0	
4	0	0	0	6		34	0	0	0	0	
5	0	0	0	6		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	6		37	0	0	0	0	
8	0	0	0	6		38	0	0	0	0	
9	0	0	0	6		39	0	0	0	0	
10	0	0	0	6		40	0	0	0	0	
11	0	0	0	0		41	6	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	3	20	20	A
16	0	0	0	0		46	10	10	10	10	b
17	0	0	0	6		47	5	5	15	15	b
18	0	0	0	6		48	10	5	5	5	b
19	0	0	0	0		49	5	5	5	5	b
20	0	0	0	0		50	5	5	5	5	b
21	0	0	0	0		51	10	10	5	5	b
22	0	0	0	0		52	10	10	10	10	
23	0	0	0	6		53	15	15	15	16	
24	0	0	0	6		54	15	5	5	5	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date: 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 07-23-08
OBSERVER: Bo TILMANS
START: 8:30 am pm
FINISH: 10:30 am pm
Source:
BLF BOSS MACHINES
Observation Point
By GATE #1
distance from: 636'-710'
direction from: SSW
source height: 254'
wind direction N
wind speed 8 mph
sky condition clear
amb. temp. (F) 65°-72°
color of emissions
WHT UNLESS NOTED
other:
Remarks:
Observer's Signature

10:00AM						10:15AM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-14-08
OBSERVER:	ED TETERNS
START:	9:30 am
FINISH:	10:30 pm
Source:	140F Scrap Master
Observation Point	121 3rd St
distance from:	635'
direction from:	SW
source height:	250'
wind direction	WEST
wind speed	Small
sky condition	CLEAR
amb. temp. (F)	63° - 74°
color of emissions	White
other;	
Remarks;	
Observer's Signature	ED TETERNS

9:30 AM						10:30 PM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 04-07-08

Heat #s : 10347
10348

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 07-14-08
OBSERVER: Ed Tehmer
START: 9:30 am pm
FINISH: 11:30 am pm
Source: BOP ROOF MONITORS
Observation Point: BY GATE #1
distance from: 630'
direction from: SSW
source height: 250'
wind direction WEST
wind speed 5 mph
sky condition CLEAR
amb. temp. (F) 63-74°
color of emissions: WHITE UNLESS NOTED
other:
Remarks:
Observer's Signature: Ed Tehmer

16:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-14-08
OBSERVER:	ED TELLAO
START:	9:30 am pm
FINISH:	11:30 am pm
Source:	BOF ROOF MONITORS
Observation Point	BY GATE #1
distance from:	650'
direction from:	S/E
source height:	750'
wind direction	N/ESE
wind speed	5 mph
sky condition	Partly cloudy
amb. temp. (F)	67-74°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	CALLED HAD 2X HOTTS SINCE 9:30AM
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 09-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-07-08												
OBSERVER:	Ed Telmer												
START:	8:00 am pm												
FINISH:	am	pm											
Source:	Blast Roof Mantles												
Observation Point	By GATE #1												
distance from:	650-700'												
direction from:	SB												
source height:	256'												
wind direction	SW												
wind speed	<10 mph												
sky condition	Hazy												
amb. temp. (F)	71-73°												
color of emissions	(WHT UNLESS NOTED)												
other;													
Remarks;	✓ WHITE EMISSIONS NORTH WESTERLY												
Observer's Signature	Ed Telmer												

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-07

Heat #: 10253
10254

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-07-08
OBSERVER:	E.O. TELMOS
START:	8:00 am pm
FINISH:	am pm
Source:	1 BOP REEF MONITOR
Observation Point	TSY SITE #1
distance from:	650' - 700'
direction from:	S 15°
source height:	250'
wind direction	SSW
wind speed	5-10 mph
sky condition	HAZY
amb. temp. (F)	71-73°
color of emissions	WHITE INKLESS WHITE
other:	
Remarks:	
Observer's Signature	<i>E.O. Telmos</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-01-08
OBSERVER:	BO TELMANS
START:	8:00 am
FINISH:	pm
Source:	BLF ROLL MONITOR
Observation Point	BY ROLLER #1
distance from:	650-700'
direction from:	EAST
source height:	250'
wind direction	NNW
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	68-73°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	GAS IN SAN RUMINGA NOT HIGH IN CONC. IS MILK OR SOY
	A BROWN EMISSIONS ON RIGHT SIDE OF CENTER ROAD

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	△
16						46	0	0	0	0	10
17						47	0	0	0	0	
18						48	0	0	0	0	△
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature

BO TELMANS

Last Certification Date 04-09-08

Heat #5: 10163
79418
10164

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	67-01-08
OBSERVER:	BO TELNERS
START:	8:30 am pm
FINISH:	am pm
Source:	655 ROLLING mill
Observation Point	B4 GATES #1
distance from:	630.7 ft
direction from:	EAST
source height:	250'
wind direction	NNW
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	68°-73°
color of emissions	WHITE
other:	WALLS NOTED
Remarks:	<p>A BROWN EMISSIONS OFF (A) NEST VISUAL</p> <p>(2) BROWN EMISSIONS VISUAL (A) NEST RIGHT SIDE OF ROLL</p>
Observer's Signature	Bo Telner

9:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	3	3	0	0	A	41	0	0	0	0	
12	3	3	10	10	A	42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	5	5	5	A
25	0	0	0	0		55	5	10	10	15	"
26	0	0	0	0		56	10	3	0	0	"
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	5	10	15	0	A

Last Certification Date 04-09-08

A RIGHT SIDE OF ROOF, CENTER

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-01-08
OBSERVER:	EO TELNESS
START:	8:30 am pm
FINISH:	10:30 am pm
Source:	BOP ROOF MONITORS
Observation Point	BY GATE #1
distance from:	650-700'
direction from:	EAST
source height:	250'
wind direction	NW
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	68-78°
color of emissions	WHITE (NOTES NOTED)
other:	
Remarks:	A BROWN EMISSIONS LEFT SIDE BOP CENTRAL ROOF TOP △ BROWN EMISSIONS ①② VISIBLE
Observer's Signature	EO Telness

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0	△	31					
2	10	10	10	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	10	10	10	10	10	35					
6	0	0	0	0		36					
7	0	0	0	0	△	37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	5	10	10	△	57					
28	10	10	5	5	△	58					
29	5	3	0	0		59					

Last Certification Date 04-09-08

WHITE EMISSIONS VISIBLE, MIDDLE ROOF TOP

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-30-08
OBSERVER:	EO TELMOS
START:	10:50 am
FINISH:	10:55 pm
Source:	C-3BLAST FURNACE NORTH CAST HOUSE
Observation Point	MEDICAL BUILDING PARKING LOT
distance from:	400-450'
direction from:	NB
source height	100' LD
wind direction	WEST
wind speed	6 mph
sky condition	OVERCAST
amb. temp. (F)	56°-61°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	△ CALLED ALJOSES DAHLIA NORTH CAST HOUSE AT 10:54 AM
Observer's Signature	EO Telmos

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date

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SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-30-08
OBSERVER:	EO TELMENS
START:	10:50 am pm
FINISH:	am 12:29 pm
Source:	BLAST FURNACE NORTH CAST HOUSE
Observation Point	THE BROWN BUILDING WORKING LEVEL
distance from:	400 - 450'
direction from:	NB
source height	100FT
wind direction	WEST
wind speed	LOW
sky condition	OVERCAST
amb. temp. (F)	56° - 61°
color of emissions	WHITE UNLESS LISTED
other:	
Remarks:	<p>△ Brown Emissions Coming from MIDDLE SECTION OF FURNACE STRUCTURE, BLOW BLEEDERS ACTIVE CAST HOUSE ROOF</p>
Observer's Signature	EO Telmens

11:00 Am

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	3	5	5	△	31	0	0	0	0	
2	5	5	5	5	n	32	0	0	0	0	
3	5	5	5	5	n	33	0	0	0	0	
4	10	10	5	5	n	34	0	0	0	0	
5	5	5	10	10	n	35	0	0	0	0	
6	5	5	3	3	n	36	0	0	0	0	
7	10	10	10	15	n	37	0	0	0	0	
8	10	10	10	5	n	38	0	0	0	0	
9	5	5	5	5	n	39	0	0	0	0	
10	5	5	5	5		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	5	5	5	5	△	43	0	0	0	0	
14	5	5	5	5	n	44	0	0	0	0	
15	0	0	0	5	n	45	0	0	0	0	
16	5	5	0	0	n	46	0	0	0	0	
17	5	5	5	5	n	47	0	0	0	0	
18	5	3	3	5	n	48	0	0	0	0	
19	5	3	0	0	n	49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

△ CALIBO AL JONES, SNO GUY'S ARE CLEANING UP THAT'S WHAT IS CAUSING EMISSIONS

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-30-08
OBSERVER:	EO Telmer
START:	10:50 am pm
FINISH:	am 12:29 pm
Source:	C-BLAST FURNACE NORTH CAST HOUSE
Observation Point	MEDICAL BLOWING PARKING LOT
distance from:	460-480'
direction from:	N 15°
source height	100 FT
wind direction	WEST
wind speed	6 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	56° + 61°
color of emissions	WHITE UNLESS NOTES
other:	
Remarks:	<p>△ WHT EMISSION NORTH CAST HOUSE ROOF</p> <p>△ CALLED AL JONES PLUGGED UP TO 12:29 pm</p>
Observer's Signature	EO Telmer

12:00PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	11
1	0	6	0	0		31	5	5	5	5	11
2	5	0	0	5		32	5	5	3	3	11
3	0	5	0	0		33	0	0	0	8	
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	5	5	5	11	48					
19	5	3	3	3	11	49					
20	3	3	5	5	11	50					
21	3	5	5	3	11	51					
22	3	5	5	5	11	52					
23	3	3	5	3	11	53					
24	3	3	5	3	11	54					
25	5	3	5	5	11	55					
26	3	5	5	5	11	56					
27	3	5	5	5	11	57					
28	3	5	5	3	11	58					
29	5	3	5	5	11	59					

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-15-08
OBSERVER:	EO TELNER
START:	9:15 am
FINISH:	10:31 am
Source:	C-BLAST FURNACE NORTH CAST HOUSES
Observation Point	BEHIND M&B BLOCK CENTER
distance from:	300-400'
direction from:	NB
source height:	100'
wind direction	NW
wind speed	10 mph
sky condition	CLOUDY
amb. temp. (F)	57°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	<p>△ CALLED WILL BE DRIVING □ CAST HOUSE IN 15 MINUTES BY △ WHITE EMISSIONS NORTH CAST HOUSE RUST</p>
Observer's Signature	EO Telner

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15	○	○	○	○	△	45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	R	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	3	3	△
23	○	○	○	○		53	3	3	3	3	h
24	○	○	○	△		54	3	3	3	3	h
25	○	○	○	○		55	3	3	3	3	h
26	○	○	○	○		56	3	○	○	○	h
27	○	○	○	○		57	○	○	3	3	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	3	3	△

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-15-08
OBSERVER:	BO TELNERS
START:	9:15 am pm
FINISH:	10:31 am pm
Source:	C-BLAST FURNACES NORTH CAST HOUSE
Observation Point	BEHIND MEDICAL CENTER
distance from:	300-400'
direction from:	NW
source height:	100'
wind direction	NW
wind speed	10 mph
sky condition	Cloudy
amb. temp. (F)	59°
color of emissions	WHITE (UNLESS NOTED)
other:	
Remarks:	<i>(A) TAKEN TO LEVEL PUNGED UP AT 10:31 AM</i>

10:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	<i>(A)</i>
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Bo Telner

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-09-08
OBSERVER:	ED TELHORNES
START:	9:28 am pm
FINISH:	10:28 am pm
Source:	C-BLAST FURNACE NORTH EAST HOUSE
Observation Point	13141ND MEDIUM DISTANCE
distance from:	450'
direction from:	NB
source height:	100'
wind direction	NW
wind speed	4 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	57° - 64°
color of emissions	(NATURAL UNPRES. NOSE)
other:	
Remarks:	* CALLED DRILLING OUT ON NORTHEAST CAST HOUSE AT 9:28 AM △ WHITE EMISSIONS DRILLING ON NORTHEAST CAST HOUSE - ROOF
Observer's Signature	Ed Telhornes

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	5	5	5	5	
3						33	3	3	3	3	△
4						34	5	10	10	16	ii
5						35	16	5	5	0	△
6						36	0	0	0	0	
7						37	0	3	3	5	△
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	8	6	3	△
26						56	5	5	5	5	ii
27						57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	5	5	5	△	59	0	0	0	0	

Last Certification Date

09-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-9-08
OBSERVER:	EO TELHARAS
START:	9:28 am
FINISH:	10:38 am
Source:	C-BLAST FURNACES NORTH CAST House
Observation Point	BEHIND MEDICAL BUILDING
distance from:	450'
direction from:	NIS
source height:	105'
wind direction	NW
wind speed	7 mph
sky condition	Partly cloudy
amb. temp. (F)	57°-69°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	A WHITE EMISSIONS NORTH CAST House B BROWN EMISSIONS Stove said PULLED UP AT 10:38AM
Observer's Signature	EO Telharas

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	5	AA
9	○	○	○	○		39	5	5	10	10	AA
10	○	○	○	○		40	10	5	5	0	B
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	5	5	5	5	A	45					
16	5	5	5	5	11	46					
17	5	5	5	5	11	47					
18	○	○	5	3	11	48					
19	○	○	○	○		49					
20	○	○	8	0		50					
21	○	○	○	○		51					
22	○	○	○	5		52					
23	○	8	0	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	6	8		57					
28	○	○	8	8		58					
29	○	○	○	6		59					

Last Certification Date 09-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-2-08
OBSERVER:	D. SELANDER
START:	9:00 am
FINISH:	10:48 am
Source:	C-BLAST FORWARD NORTH EAST NOZZLE
Observation Point	Openings around DOL Building
distance from:	200-300 ft
direction from:	NE
source height:	100-150 ft
wind direction	W-EW
wind speed	5 mph
sky condition	Hazy
amb. temp. (F)	72-73°
color of emissions	White
other,	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 84-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-3-08
OBSERVER:	Ed Telmer
START:	8:45 am pm
FINISH:	10:45 am pm
Source:	GELAST FURNACE NORTH SIDE HOUSE
Observation Point	BUILDING INDOORS BUILDING
distance from:	300 - 400'
direction from:	NB
source height:	100 - 150'
wind direction	W SW
wind speed	5-10 mph
sky condition	Partly Cloudy
amb. temp. (F)	72-73°
color of emissions	White unless noted
other:	
Remarks:	<p>A BROWN EMISSIONS SOUTH SIDE OF NORTH SIDE HOUSE ROOF</p> <p>A PLUGGED - UP 10:45 AM</p>
Observer's Signature	Ed Telmer

10:06 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	3	5	3	A
10	0	5	5	5	A	40	5	5	5	5	A
11	5	10	10	10	A	41	5	0	0	0	
12	5	5	5	5	n	42	0	0	0	0	
13	5	5	5	5	n	43	0	0	0	0	
14	10	10	5	5	n	44	0	0	0	3	A
15	5	5	0	0	n	45	0	10	10	10	A
16	0	0	0	0		46	5	5	5	5	A
17	0	5	5	5	A	47	0	0	0	0	
18	5	5	5	5	n	48					
19	0	0	0	0	n	49					
20	5	5	0	0	n	50					
21	5	5	0	0	n	51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	5	5	5	5	A	54					
25	5	5	5	10	n	55					
26	10	10	10	10	n	56					
27	10	10	10	10	n	57					
28	5	5	0	0	n	58					
29	0	0	0	0		59					

Last Certification Date

9-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-26-08
OBSERVER:	ED TBLWERS
START:	am 12:13 pm
FINISH:	am 1:44 pm
Source:	CBLAST FURNACE
Observation Point	
BEHIND MEDICAL BUILDING	
distance from:	330' - 460'
direction from:	NB
source height:	100'-150'
wind direction	NNW
wind speed	6 mph
sky condition	partly cloudy
amb. temp. (F)	62° - 72°
color of emissions	white
LAWNTIE (NOTES NOTED)	
other:	
Remarks:	
ADRIANO EAST CAT HOUSE AT 12:22 PM	
Observer's Signature	
Ed Tblwers	

12:26 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○	A	52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

04-07-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-26-08
OBSERVER:	Ed Telmers
START:	am 1:15 pm
FINISH:	am 1:45 pm
Source:	C-BLAST FURNACE
Observation Point	LIBRARY MEDICAL BUILDING
distance from:	350-400'
direction from:	NR
source height:	100-150'
wind direction	NNW
wind speed	6 mph
sky condition	Partly cloudy
amb. temp. (F)	62-73°
color of emissions	white unless noted
other:	
Remarks:	<p>△ EAST CAST HOUSE ROOF EMISSION</p> <p>△ PLUGGED UP EAST CAST HOUSE</p>
Observer's Signature	Ed Telmers

1:00 PM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	5	5	5	△
11	○	○	○	○		41	5	5	5	5	△
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	△
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date

04-09-04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 8-19 - 08
OBSERVER: RO JBLW&CJ
START 4:00 (am) pm
FINISH: am) 2:35 (pm)
Source:
CAST FURNACES
MARSH CAST HOUSES
Observation Point
BEHIND MBOKEL CENTRAL
distance from: 350-400'
direction from: NNE
source height: 100-150'
wind direction SW
wind speed 12 mph
sky condition cloudy
amb. temp. (F) 67-74°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
A DRILL CUT NORTH CAST HOUSE IN 2 MINUTES
A WHITE EMISSIONS OFF OF EAST CAST HOUSE ROOF
Observer's Signature
<i>Ed Schaefer</i>

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0	A	48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	5	3	3	3	A	58	0	0	0	0	
29	5	0	0	n		59	0	0	0	0	

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 8-19-08
OBSERVER: ED TELNERS
START: 11:40 am pm
FINISH: 12:30 am 12:38 pm
Source: C-BLAST FURNACE NORTH CAST HOUSE
Observation Point BRAINS MEDICAL CENTER
distance from: 350 - 450'
direction from: NE
source height: 100 - 150'
wind direction SW
wind speed 12 mph
sky condition PARTLY CLOUDY
amb. temp. (F) 67 - 74°
color of emissions
WHITE UNLESS NOTED
other,
Remarks:
△ white emissions NORTH CAST HOUSE 120°
△ CALLED LB by said PLUGGED UP TO 11:38PM
Observer's Signature

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	3	0	0	0		30	0	0	0	0	
1	5	5	5	5	△	31	0	8	0	0	
2	6	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	6	0	5	5	△/A
8	0	0	0	0		38	0	0	0	0	1/2
9	0	0	0	0		39	5	5	5	10	11
10	0	0	0	0		40	5	3	5	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-12-08
OBSERVER:	EO TELHAG
START:	11:03 am
FINISH:	12:10 pm
Source:	C-BLAST FURNACES E-CAT HOUSES
Observation Point	BUILDING MBOLICL BUILIDING
distance from:	300 - 400
direction from:	NZ
source height:	100 - 150 ft
wind direction	SW
wind speed	1 mph
sky condition	Partly Cloudy
amb. temp. (F)	66° - 76°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<p>△ Brown EMISSIONS ON N.2 TA CAST REB38</p> <p>△ DRILL OUT EAST CAST REB38 ■ 1/4 KM FBIL AL JONES</p>
Observer's Signature	EO Telhag

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	6	6	
1						31	0	0	6	6	
2						32	6	6	6	6	
3						33	0	0	6	6	
4						34	0	0	6	6	
5	0	0	0	0		35	0	0	0	6	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	6	6	6	
8	0	0	0	0		38	0	6	0	6	
9	0	2	5	3	△	39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0	△	44	0	5	3	5	△
15	0	0	0	0		45	5	5	5	5	△
16	0	0	0	0		46	5	5	5	5	11
17	0	0	0	0		47	5	5	5	5	11
18	0	0	0	0		48	5	5	5	5	11
19	0	0	0	0		49	5	5	5	5	11
20	0	0	0	0		50	5	5	5	5	11
21	0	0	0	0		51	5	5	5	5	11
22	0	0	0	0		52	5	5	5	5	11
23	0	0	0	0		53	5	5	5	5	11
24	0	0	0	0		54	5	5	5	3	11
25	0	0	0	0		55	5	5	5	5	11
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

 WHITE EMISSIONS ON EAST CAT HOUSES 1200ft

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-12-08
OBSERVER:	ED TELNERS
START:	11:05 am pm
FINISH:	12:10 am 12:10 pm
Source:	C-BLAST FURNACE B-CAST HOUSE
Observation Point	B13112m MEDIUM BUILDING
distance from:	354 - 467
direction from:	NW
source height:	100-150'
wind direction	SW
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	66.5 - 76.2
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<p>KL JONES CALLED AT 12:09 PM SAID PLUGGING UP</p>
Observer's Signature	Ed Telmers

12:00 PM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0	WIND	38					
9	0	0	0	0	△	39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-5-08
OBSERVER:	ED THOMAS
START:	8:16 am pm
FINISH:	am pm
Source:	C-1800 FURNITURE
Observation Point	8200' NO. 1000 SULPHUR
distance from:	400'
direction from:	NF
source height	100'
wind direction	N
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	75°
color of emissions	White smoke w/ash
other:	
Remarks:	A white emission from 15-CAST is just below A green emission A yellow up east east lights
Observer's Signature	Ed Thomas

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	5		43	0	5	3	3	▲
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 08-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 07-28-08
OBSERVER: EO TELNERS
START: 10:00 am pm
FINISH: 10:26 am pm
Source: C-BLAST FURNACE
Observation Point BEHIND THE BUILDING
distance from: 400'
direction from: N3
source height: 164-150'
wind direction WNW
wind speed 2 mph
sky condition CLOUDY
amb. temp. (F) 75°-77°
color of emissions WHITE/LESS WHITE
other:
Remarks: DILUTED OUT EAST CRP HOUSE
Observer's Signature EO Telmers

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	6	6		30	0	0	0	0	
1	0	0	0	6		31	0	0	0	0	
2	0	0	0	6		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	8	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	8		44	0	0	0	0	
15	0	0	0	8		45	0	0	0	0	
16	0	0	8	0		46	0	0	0	0	
17	0	0	8	0		47	0	0	0	0	
18	0	0	0	0	A	48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 07-28-08
OBSERVER: EO TECHNICS
START: 10:00 am pm
FINISH: 11:26 am pm
Source:
C-BLAST FURNACE
Observation Point
BETWEEN MACHINERY BUILDING
distance from: 400'
direction from: NW
source height: 100' SA
wind direction NW
wind speed 2 mph
sky condition cloudy
amb. temp. (F) 70°-77°
color of emissions
WHITE UNLESS NOTED
other;
Remarks:
<u>A</u> WHITE EMISSIONS OFF OF EAST CAST 100' FROM <u>A</u> FINISH PLUGGER UP AT 11:23 AM
Observer's Signature

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	3	5	5	▲	39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	10	5	10	5		43					
14	0	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	10	10	10		52					
23	15	15	15	15	▲	53					
24	10	10	5	5		54					
25	5	5	0	0		55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

07-08-08

DATE:	8:30 AM
OBSERVER:	BO Tschiers
START:	8:30 am pm
FINISH:	10:47 am pm
Source:	C-BLAST FURNACE EAST CAST HOUSE
Observation Point	BEAING MEDICAL COLLEGE
distance from:	350-400'
direction from:	NB
source height:	100-150'
wind direction	SSW
wind speed	3 mph
sky condition	Partly cloudy
amb. temp. (F)	62-79°
color of emissions	white unless noted
other:	
Remarks;	△ MILL IN OUT (E) CAST HOUSES
Observer's Signature	Bo Tschiers

8:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	△
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 04-08-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 07-25-08
OBSERVER: ED TELNERS
START: 8:30 am pm
FINISH: 10:45 am pm
Source: C-BLAST FURNACE
Observation Point BETWEN MEDICAL BUILDING
distance from: 350 ft
direction from: NB
source height: 100 - 150'
wind direction SSW
wind speed 3 mph
sky condition PARTLY CLOUDY
amb. temp. (F) 68° - 75°
color of emissions
WHITE (UNLESS NOTED)
other:
Remarks: A BRIGHT EMISSIONS FROM EAST PLATE ROOF TALLIED TO LONG
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	S	10	15	15	▲	46	0	0	0	0	
17	K	10	10	5	▲	47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Ed Telmers

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-28-08
OBSERVER:	Ed Telvers
START:	8:30 am pm
FINISH:	10:47 am pm
Source:	C-3 BLAST FURNACES
Observation Point	BETWEEN MEDIAN CENTER
distance from:	350 - 400'
direction from:	NW
source height:	150' - 180'
wind direction	SSW
wind speed	3 mph
sky condition	Partly cloudy
amb. temp. (F)	63 - 79°
color of emissions	White unless noted
other:	
Remarks:	<p>△ WHITE EMISSIONS Blast east west Roof 113NP</p> <p>△ BROWN EMISSIONS Bld blown by M. G. B.</p> <p>~ JUST PLUGGED UP</p>
Observer's Signature	Ed Telvers

10:00 AM						10:45 AM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	10	10	10	10	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	10	10	10	10	
9	0	0	0	0		39	10	10	10	10	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	10	10	10	10	
12	0	0	0	0	A	42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	10	10	10	10	
16	0	0	0	0		46	10	10	10	10	
17	0	0	0	0		47	10	10	10	10	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0	A	59					

Last Certification Date 04-09-08

PLUGGED UP

MIGUEL

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-15-08
OBSERVER:	ED TRELINER
START:	7:00 am
FINISH:	8:40 am
Source:	BLAST FURNACE
Observation Point	BETWEEN MINE & MILL BLAST FURNACE
distance from:	300 - 400 ft
direction from:	N/E
source height:	100-150'
wind direction	SSW
wind speed	5-10 mph
sky condition	CLEAR
amb. temp. (F)	58° - 70°
color of emissions	WHITE UNLESS WIND
other:	
Remarks:	<p>(A) BLAST FURNACE CAST AT 7:30 SAW HILL 25 DRILL IN LOCATE ON 15 FT CAST HILL 25</p>
Observer's Signature	Ed Treliner

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31	○	○	○	○	EAST SIDE
2						32	○	○	○	○	A
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	STARTED DRILLING
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	7-15-08
OBSERVER:	ED TELBREK
START:	7:30 am pm
FINISH:	8:45 am pm
Source:	BLAST FURNACE
Observation Point	BETWEEN MEDICAL BUILDING
distance from:	Building
direction from:	NW
source height:	100-200'
wind direction	SSW
wind speed	5-10 mph
sky condition	CLBR
amb. temp. (F)	58°-70°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	△ EAST CAST HOUSE △ NORTH CAST △ PLUG EAST CAST HOUSE 8:40 AM
Observer's Signature	ED Telbrek

8:40 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0	△	30	0	0	0	0	△
1	0	0	0	0	1	31	0	0	0	0	1
2	0	0	0	0	2	32	0	0	8	0	1
3	0	0	0	0	3	33	0	0	0	0	
4	0	0	0	0	4	34	0	0	0	0	
5	0	0	0	0	5	35	0	0	0	0	
6	0	0	0	0	6	36	0	0	0	0	
7	0	0	0	0	7	37	0	0	0	0	*
8	0	0	0	0	8	38	0	0	0	5	12
9	0	0	0	0	9	39	3	3	5	5	△
10	0	0	0	0	10	40	0	0	0	0	△
11	0	0	0	0	11	41	0	0	0	0	
12	0	0	0	0	12	42	0	0	0	0	
13	0	0	0	0	13	43	0	0	0	0	
14	0	0	0	0	14	44	0	0	0	0	
15	0	0	0	0	15	45	0	0	0	0	
16	0	0	0	0	16	46	0	0	0	0	
17	0	0	0	0	17	47	0	0	0	0	
18	0	0	0	0	18	48	0	0	0	0	
19	0	0	0	0	19	49	0	0	0	0	
20	0	0	0	0	20	50	0	0	0	0	
21	0	0	0	0	21	51	0	0	0	0	
22	0	0	0	0	22	52	0	0	0	0	
23	0	0	0	0	23	53	0	0	0	0	
24	0	0	0	0	24	54	0	0	0	0	
25	0	0	0	0	25	55	0	0	0	0	
26	0	0	0	0	26	56	0	0	0	0	
27	0	0	0	0	27	57					
28	0	0	0	0	28	58					
29	0	0	0	X	29	59					*

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-07-08
OBSERVER:	Bob Blawie
START:	11:58 am
FINISH:	12:30 pm
Source:	BLAST FURNACE
Observation Point	BEHIND MBO/CPL MILLHOUSE
distance from:	300 - 400
direction from:	NE
source height:	100'
wind direction	SSW
wind speed	5-10 MPH
sky condition	PARTLY CLOUDY
amb. temp. (F)	83° - 92°
color of emissions	WHITE UNLESS WHEN
other:	
Remarks:	<i>STARTED DRILLING AT A: 38 AM (N) - CAST HOUSE</i>
Observer's Signature	<i>Bob Blawie</i>

11:06 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58	6	9	2	0	A
29						59	6	3	2	8	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-07-08
OBSERVER:	EO TELHEIS
START:	12:00 am
FINISH:	12:00 pm
Source:	C-BLAST FURNACE
Observation Point	BAND MEDICAL BUILDING
distance from:	100 feet
direction from:	NB
source height:	100'
wind direction	SW
wind speed	5 mph
sky condition	Partly Cloudy
amb. temp. (F)	83° + 44°
color of emissions	White Unlined notes
other:	
Remarks:	
Observer's Signature	EO Telhei

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	8	8	0	8		30	0	0	8	8	
1	8	8	8	8		31	0	0	8	8	
2	0	8	6	8		32	0	0	8	8	
3	8	0	0	0		33	0	0	0	0	
4	0	8	0	8		34	0	0	0	0	
5	0	0	0	0		35	8	0	0	0	
6	0	8	0	8		36	0	0	8	8	
7	0	8	8	8		37	0	8	0	8	
8	0	8	8	8		38	0	8	0	8	
9	8	0	0	0		39	0	0	0	0	
10	8	0	0	0		40	0	0	0	8	
11	0	8	0	8		41	0	0	0	8	
12	8	0	8	8		42	0	0	0	8	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	8	0	0	8	
15	0	0	8	8		45	0	0	0	0	
16	8	8	8	8		46	0	0	8	8	
17	0	8	0	0		47	0	0	8	8	
18	8	0	8	8		48	8	8	0	0	
19	8	0	0	0		49	8	0	0	0	
20	0	8	8	8		50	8	8	8	8	
21	8	0	0	8		51	8	8	0	0	
22	0	8	8	8		52	8	0	0	8	
23	8	0	0	0		53	8	8	0	0	
24	0	8	0	0		54	8	0	0	0	
25	0	0	0	0		55	0	0	8	0	
26	0	8	8	8		56	0	8	8	8	
27	8	0	8	8		57	0	0	0	0	
28	0	8	8	8		58	0	0	8	8	
29	8	0	0	8		59	0	8	0	0	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-07-08
OBSERVER:	BIO TRAVERS
START:	11:35 am pm
FINISH:	am 1:35 pm
Source:	C-BLAST FURNACES
Observation Point	BEHIND MEDICAL BUILDING
distance from:	300' - 400'
direction from:	NE
source height:	100'
wind direction	SW
wind speed	5-10 mph
sky condition	Partly cloudy
amb. temp. (F)	83° - 84°
color of emissions	WHITE UNLESS LISTED
other:	
Remarks:	AIRCAST HOUSE GRAY EMISSIONS OFF ROOF TOP SIGN WITH RUSTIC UP AT 1:35 PM
Observer's Signature	Edward Travers

1:00PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	A
4	0	0	0	0		34					
5	0	0	0	0		35					
6	S	0	0	0		36					
7	0	0	0	0		37					
8	10	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	5	5	5	DGRAY	46					
17	5	5	5	5	"	47					
18	5	10	10	10	"	48					
19	5	5	5	5	"	49					
20	5	5	5	5	"	50					
21	5	5	5	5	"	51					
22	5	5	5	5		52					
23	5	10	10	10	"	53					
24	5	5	5	5	"	54					
25	5	10	10	10	"	55					
26	5	5	5	5	"	56					
27	5	0	0	0	"	57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 04-07-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-01-08
OBSERVER:	LO TELNERS
START:	10:45 am pm
FINISH:	am 12:00 pm
Source:	C-BLAST BURNER E-CAST HAMMERS
Observation Point	BETWEEN MINE AND BUILDING
distance from:	366'
direction from:	NB
source height:	100'
wind direction	NNW
wind speed	5 mph
sky condition	CLOUDY
amb. temp. (F)	68 > 71°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	A EAST CAST HAMMERS
Observer's Signature	LO TELNERS

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	○	○	○	○	△
16						46	○	○	○	○	△
17						47	○	○	○	○	△
18						48	○	○	○	○	○
19						49	○	○	○	○	○
20						50	○	○	○	○	○
21						51	○	○	○	○	○
22						52	○	○	○	○	○
23						53	○	○	○	○	○
24						54	○	○	○	○	○
25						55	○	○	○	○	○
26						56	○	○	○	○	○
27						57	○	○	○	○	○
28						58	○	○	○	○	○
29						59	○	○	○	○	○

Last Certification Date

04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-01-08												
OBSERVER:	B.J. Trumbo												
START:	11:00 AM / 11:00 PM												
FINISH:	am	pm											
Source:	E-CAST FURNACE E-CAST HOUSE												
Observation Point	BRADING MEDICAL CENTER												
distance from:	300'												
direction from:	NE												
source height:	100'												
wind direction	NNW												
wind speed	1 mph												
sky condition	clear												
amb. temp. (F)	68° - 71°												
color of emissions	(yellow) white smoke												
other;													
Remarks:	1. WHITE ISH SMOKE FROM E-CAST HOUSE ROOF ON WEST SIDE OF ROOF												
Observer's Signature	B.J. Trumbo												

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0	(ECAST)	30	0	5	5	5	A
1	0	0	0	0		31	3	3	5	5	"
2	0	0	0	0		32	3	3	5	5	"
3	0	0	0	0		33	3	3	5	6	"
4	0	0	0	0		34	0	3	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	8	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	3	3	10	10	A
12	0	0	0	0		42	10	3	0	0	"
13	0	0	0	0		43	3	5	5	5	"
14	0	0	0	0		44	3	3	5	5	"
15	0	0	0	0		45	3	3	3	5	"
16	0	0	6	6		46	3	5	10	10	"
17	0	0	0	0		47	3	3	5	5	"
18	0	0	0	0		48	3	3	3	3	"
19	0	0	0	0		49	3	3	3	3	"
20	0	0	0	0		50	3	10	10	10	"
21	0	0	0	0		51	10	3	3	3	
22	0	0	0	0		52	3	3	6	3	
23	0	0	6	6		53	3	3	5	5	
24	0	0	0	0		54	3	3	5	5	
25	0	0	2	0		55	3	3	5	5	
26	0	0	0	0		56	3	3	5	3	
27	0	0	0	0		57	3	3	5	3	
28	0	0	0	0		58	3	10	10	3	
29	0	0	0	0		59	3	3	5	3	

Last Certification Date 04-09-08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07-07-08
OBSERVER:	ED TURNERS
START:	10:05 am
FINISH:	12:00 pm
Source:	C-ROLLER FURNACES EAST CAST HOUSE
Observation Point	BEST IND-MBAC TL CARTEL
distance from:	300'
direction from:	NF
source height:	100'
wind direction	NNW
wind speed	SLOW
sky condition	CLEAR
amb. temp. (F)	68° - 71°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	DUST EMISSIONS E-CAST HOUSE SOME SHOTS OF ROOF A EAST CAST HOUSE PLUGGED UP AT 12:00 PM
Observer's Signature	

12:00 PM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	10	5	A	30					
1	5	10	10	5	n	31					
2	5	5	5	5	n	32					
3	5	5	5	5	n	33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	10	10	5	5	A	36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

04-07-08